

## Microsoft Patent Pre-disclosure Document

Note: Hover the pointer over underlined section headings for more help and click on a link for a sample document.

### This section contains items that are required to get the patent process under way

**Document Author (name and email):** Steve Falcon (stevefal)

**Title of Invention:** Push & Hold Button to Cancel Speech Interaction

**MS File # (if known):**

**Inventor(s):** Steve Falcon (possibly more)

**Recommended attendees for disclosure meeting:** Steve Falcon (possibly more)

**Introduction:** Voice activated systems often use a button press to initiate dialog with the system. Sometimes the user desires to terminate dialog with the system. Usually termination is supported by a voice command, like "cancel", "goodbye", or "done". This invention uses an alternate button action, namely push-and-hold to signal the user's desire to terminate dialog. Alternatively another action, like double-press could be use; or another button altogether.

**Strategic Importance:** This feature is a behavior of the Voice Command product, which represents Microsoft's first strategic implementation of a generic voice user-interface model. It's an advantage to restrict the user of this good feature to Microsoft products.

**Description of the invention:** Pushing and holding the button for a prolonged period, say 1 second, cancels the current voice recognition or feedback state. From a voice recognition standby state, it also results in an aborted recognition initiation state.

**Diagrams & Flowcharts:** none

**Date of Conception:** May 2003

**Date Reduced to Practice:** August 2003

**Prior/Planned Disclosure** Product RTM'ed November 3, 2003

### Additional required info that is helpful and will save you time to provide now

**Relationship to Standards:** none

**MS-Technology Independent Implementations:** none

**Attach other related documents and links here.**

1                   **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2   **Serial No.** .....10/828,912  
3   **Filing Date** ..... 04/20/2004  
4   **First Named Inventor**..... Stephen R. Falcon  
5   **Assignee** ..... Microsoft Corporation  
6   **Group Art Unit** .....2626  
7   **Examiner** ..... Samuel Neway  
8   **Attorney's Docket No.**..... MS1-1946US  
9   **Title** ..... Canceling a Speech Interaction Session

10                   **DECLARATION UNDER 37 C.F.R. §1.131**

11                   As the below named inventor, I hereby declare that:

12                   I am an inventor of the subject matter which is claimed and for which a patent is  
13                   sought in the application entitled "**Canceling a Speech Interaction Session**," as identified  
14                   above.


15                   I conceived and reduced the invention to practice in the United States prior to the  
16                   publication date of U.S. Patent Application Publication No. 2003/0234818 to Schmid  
17                   entitled "Speech Platform Architecture".

18                   Attached to this declaration is evidence (redacted portions of a "Patent Pre-  
19                   disclosure Document") documenting that the invention was conceived May, 2003, and  
20                   reduced to practice August, 2003, and released to manufacturing (RTM'ed) November  
21                   3,2003 which predates the December 25, 2003 publication date reflected on the cited  
22                   publication "Speech Platform Architecture."

23                   All statements made herein of my own knowledge are true and that all statements  
24                   made on information and belief are believed to be true; and further that these statements  
25                   were made with the knowledge that willful false statements and the like so made are  
                    punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United  
                    States Code and that such willful false statement may jeopardize the validity of the  
                    application or any patent issued therefrom.

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